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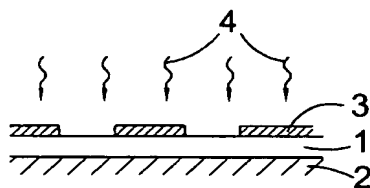
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(54) Title: PATTERNING METHODS AND PRODUCTS



(57) Abstract: The present invention provides a process for producing a sur-
face-modified layer system comprising a substrate (2) and a self-assembled
monolayer (SAM) (1) anchored to its surface. The SAM (1) is comprised by
aryl or rigid alicyclic moiety species. The process comprises providing a poly-
morphic SAM (1) anchored to the substrate (2), and thermally treating (4) the
SAM to change from a first to a second structural form thereof. The inven-
tion also provides a thermolithographic form of process in which the thermal
treatment (4) is used to transfer a pattern (3) to the SAM (1), which is then de-
veloped.